L Number	Hits	Search Text	DB	Time stamp
-	2	(("5363277") or ("5271548")).PN.	USPAT	2004/04/28 09:29
_	50	("4626462"	USPAT	2004/04/28 09:01
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		"5288769"		
		"6432497"		
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		"5405677"		
		"6014805"		
		"4830880"		
		"6108205"		
		"4568562"		
		"5309632"		
		"5505321"		
		"5519177"	1	
		**-*		
		"5591519"		
		"5723205"		
		"5766740"		
		"5798171"		
		"5805251"		
		"5990989"		
		"5015981"		
		"5262745"		
		"5474834"		*
		"6175500"		
		"4553111"		
		"4994903"		
		"5012387"		
		"5019939"		
		"5196667"		
		"5212345"		
		"5253145"		
		"5282565"		
		"5309130"		
		"5316205"		
		"5390080"		
		"5452842"		
		"5455741"	[
		"5523919"		
		"5536908"		
		"5541567"		
		"5675121"		
		"5807121"		
		"6128189"		
		"6157546"		
		"6205031"		
		"6235994"		
		"6249434"		
		"4489742"		
		"6440340"		
1		"5345106"		
1	1	"5202288").pn.		

-	50	("4313777"	USPAT	2004/04/28 09:03
	**	"6166903"		
		"6025562"		
		"4278702"	-	1
]		RE37765		
1		"5690837"		
		"6185100"		
1		"6104618"		l
		"6319543"		
		"6395329"		
		"6143356"		
		"6286207"		
		"6449835"		
		"6523256"		
		"6564448"		1
		"4965699"		1
		"5953213"		
		"4631820"		
		"4797996"		
		"4864106"		
		"5223747"		
		"5468919"		
		"5548090"		
		"5654876"		
		"5754400"		
:		"5917700"		
		"6001489"		ľ
		"6058004"		
		"6104610"		
1		"6161276"		
1		"6228206"		
i l		"6402013"		
		"5621068"		
		"4849856"		
		"5637382"		
		"5915754"		:
		"5948533"		
1		"4810563"		
1		"5021472"		
		"5428188"		
		"5461775"		
		"5548481"		
		"5569886"		
		"5600103"		
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<u>-</u>	48	("5966805"	USPAT	2004/04/28 09:06
		"5986884"		
	ŀ	"6014317"		
		"6043966"		
		"6142791"		
		"6214923"		
	ŀ	"6214923"		
		"6265782"		
		"6281048"		
		"6329609"		i
		"6333857"		
		"6335548"		}
		"6344155"		
1		"6346598"		
i		"6375866"		İ
		"4528064"		
		"5545308"		
		"5871672"		
-		"5919402"		
		"6210537"		
		"6210537"		-
		"4327167"		
		"4511076"		
		"5024735"		
		"5880937"		
		"5949657"		
	ĺ	"3697818"		
		"4268849"		
		"4408255"		
		"4467638"		
		"4517227 "		
		"4548285"		
		"4560962"		
		"4571322 "	•	
		"4592137"		
		"4756756"		
1		"4773877 "		
		"4777060"		
		"4801269"		
		"4871583" "4922059"		
		"5235184"		
l				
l		"5290971"		
		"5300911"		
1		"5376759"		
		"5430933"		
		"5461202"		
		"5487214"		
		"5504659"		
1	1	"5601227").pn.	1	1

_	49	("5625229"	USPAT	2004/04/28 09:08
	'	"5733598"		
		"5844782"		
		"5887324"		
		"5891804"		
		"5973931"		
	,	"5986340"		
		"6064116"		
		"6121554"		
		"6150614"		
	e e	"6184578"		
		"6323549"		
		"6552265"		
		"5653841"		İ
		"5776275"		
		"6013203"		
		"4401844"		
		"5526563"		
		"4829664"		
		"4814944"		
		"4829665"		
		"5926694"		
		"6172422"		•
	1	"5998739"		
		"5775569"		
		"5280013"		
		"5284554"		
		"4424409"		
		"4611091"		•
		"5354950"		
		"5873992"		
	1	"4812213"		
	1	"4945029"		
	ł	"5914861"		
		"6116495"		
		"5221575"		
		"5500785"		
		"5586007"		
		"6114413"		
		"6215661"		•
		"6215661"		
		"5398748"		
		"5793613"		
	1	"6014066"		
		"5895581"		
	1	"4525238"		
		"4619741"		
	1	"4622108"		
		"4622108" "4622107"		
		"4631117").pn.	ł	

	70 1	Lugnam	1 0004 (04 (00 00 00
-	50 ("4874477"	USPAT	2004/04/28 09:09
	"4897164"		İ
	"5536386"		İ
	"5759378"		
	"5980721"		
	"5241216"		
1	"5273203"		
	"4993482"		
	"6006979"		
	"6056188"		
	"4379308"		•
	"4459428"		
i i	"4814030"		
	"4831498"		İ
	"4859520"	·	
	"4875042"		
1	"4888247"		
	"4992135"		
1	"5201866"		
!	"5287248"		
1	"5305186"		
	"5495889"		
	"5532070"		
	"5597614"		
	"5636684"		
	"5641944"		
	"5645434"		
	"5676553"		
	"5679466"		
1	"5700398"	•	-
	"5771966"		
]	"5776587"		
	"5808878"		
	"5814392"		
	"5837609"		
	"5916486"		
	"5917704"		
1	"5922466"		·
1	"5985458"		
	"5997773"		
	"6015509"		
1	"6475896"		
	"6473896" "6483707"		
	"5364703"		ļ
	"4344812"		
	"4512854"		
	"4521262"		
	"4631100"		
	"4859263"		1
	"4976808").pn.		

Γ	50	("3646572"	USPAT	2004/04/28 09:10
-	30	"3640853"	OSPAI	2004/04/20 03:10
		"4097684"		
	İ	"4442315"		
		"4465538"		
		"4539995"		
		"4619871"		
		"4824511" "4842899"		
		"5004639"		
	1	"5053916"		
		"5053280"		
		"5190048"		
		"5374469"		
		"5507903"		
		"5598627"		
		"5611709" "5874009"		
		"5882954"		
		"5935452"		
		"5997983"		
		"6041840"		
		"6278613"		
		"6284353"		
ì		"6350387"		
i		"6426143"		
		"5410184"		
		"4816070" "4263547"		
		"4563725"		
		"4762732"		
		"4769309"		
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		"4912020"		
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		"5269453"		
		"5277787"		
		"5349743"		
		"5390078"		
		"5394301"		•
		"5438481"		
		"5479695"		
		"5596224" "5683627"		
	· ·	"5959840"		
		"5985040").pn.		
	ļ			
-	0	(component) with (track\$1 or trace\$1 or	USPAT;	2004/04/28 09:13
		pattern\$1) with (wide or width) with	US-PGPUB;	
1		(adhesive) with (solder)	EPO; JPO;	
			DERWENT;	
1_	_	(component) with (track\$1 or trace\$1 or	IBM_TDB USOCR	2004/04/28 09:13
1-	"	(component) with (tracks) of traces; of pattern\$1) with (wide or width) with	USOCK	2004/04/20 05:13
	1	(adhesive) with (solder)		
-	74230		USPAT;	2004/04/28 09:42
1		(thick or thickness)	US-PGPUB;	
			EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	0004/04/00 00 15
-	1164		USPAT;	2004/04/28 09:16
		(thick or thickness) with (micron)	US-PGPUB; EPO; JPO;	
1	1		DERWENT;	
			IBM TDB	
L	1	<u></u>	TDM IDD	

-	184		USPAT;	2004/04/28 09:16
		(thick or thickness) with (micron) with	US-PGPUB;	
		(wide or width)	EPO; JPO;	
	,		DERWENT;	
			IBM TDB	
-	1771	(track\$1 or trace\$1 or pattern\$1) with	USPĀT;	2004/04/28 09:16
		(thick or thickness) with (component\$1)	US-PGPUB;	2001, 01, 20 03, 20
		(circon or circomodo) when (component)	EPO; JPO;	
			DERWENT;	
			IBM TDB	1
	,	((track\$1 or trace\$1 or pattern\$1) with	USPAT;	2004/04/20 00:17
-	3	((track\$1 or trace\$1 or pattern\$1) with		2004/04/28 09:17
		(thick or thickness) with (micron) with	US-PGPUB;	
		(wide or width)) and ((track\$1 or trace\$1	EPO; JPO;	
		or pattern\$1) with (thick or thickness)	DERWENT;	
		with (component\$1))	IBM_TDB	
-	21	((track\$1 or trace\$1 or pattern\$1) with	USPAT;	2004/04/28 09:17
		(thick or thickness) with (micron)) and	US-PGPUB;	
		((track\$1 or trace\$1 or pattern\$1) with	EPO; JPO;	
		(thick or thickness) with (component\$1))	DERWENT;	
		•	IBM TDB	
_	1908	(track\$1 or trace\$1 or pattern\$1) with	USPAT;	2004/04/28 09:19
		(thick or thickness) with (adhesive)	US-PGPUB;	= = = = = = = = = = = = = = = = = = =
	1	,	EPO; JPO;	
	1		DERWENT;	
	i			
_	48	(tracket or traceet or matternet) with	IBM_TDB	2004/04/20 00:10
-	48		USPAT;	2004/04/28 09:19
		(thick or thickness) with (adhesive) with	US-PGPUB;	
		(solder)	EPO; JPO;	
			DERWENT;	1
			IBM_TDB	1
-	61		USPAT;	2004/04/28 09:19
		(thick or thickness) with (adhesive) with	US-PGPUB;	i
		(solder\$4)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	1 1	"5225966".PN.	USPĀT	2004/04/28 09:27
l _		5363277.URPN.	USPAT	2004/04/28 09:27
_	1	(174/260).CCLS.	USPAT	2004/04/28 13:02
1_		(track\$1 or trace\$1 or pattern\$1) with	USPAT;	2004/04/28 13:02
	241	(thick or thickness) with ("100" near3	i -	2004/04/28 09:31
	Ì	micron\$1)	US-PGPUB;	
		micronsi)	EPO; JPO;	
	•		DERWENT;	
	67	(6	IBM_TDB	0004/04/00 00 50
1-	67	(track\$1 or trace\$1 or pattern\$1) with	USPAT;	2004/04/28 09:58
		(thick or thickness) with ("200" near3	US-PGPUB;	
1	1	micron\$1)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	(track\$1 or trace\$1 or pattern\$1) near3	USPAT;	2004/04/28 10:00
		(thick or thickness) near3 ("400" near3	US-PGPUB;	
		micron\$1)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
i -	26	(track\$1 or trace\$1 or pattern\$1) near3	USPĀT;	2004/04/28 10:01
		(thick or thickness) near3 ("100" near3	US-PGPUB;	
		micron\$1)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	6	(track\$1 or trace\$1 or pattern\$1) near3	USPAT;	2004/04/28 10:02
1	"	(thick or thickness) near3 ("200" near3	US-PGPUB;	2004/04/20 ID:UZ
		micron\$1)		
		MICTORIAT)	EPO; JPO;	
			DERWENT;	
	_	(6.00-1.01 -0.60-1.01	IBM_TDB	
-	7	(track\$1 or trace\$1 or pattern\$1) near3	USPAT;	2004/04/28 10:03
		(thick or thickness) near3 ("300" near3	US-PGPUB;	
1		micron\$1)	EPO; JPO;	
1			DERWENT;	
			IBM_TDB	
-	1230	(361/760).CCLS.	USPAT	2004/04/28 11:28
	895	((361/760).CCLS.) not ((174/260).CCLS.)	USPAT	2004/04/28 12:05
-	1	"5225966".PN.		

-	2279	((174/255) or (174/259) or (174/256) or (174/250)).CCLS.	USPAT	2004/04/28 12:05
-	1738	(((174/255) or (174/259) or (174/256) or (174/250)).CCLS.) not (((361/760).CCLS.) or ((174/260).CCLS.))	USPAT	2004/04/28 13:02
1_	1468	(174/261).CCLS.))	USPAT	2004/04/28 13:02
-	713	,	USPAT	2004/04/28 13:17
		(174/259) or (174/256) or (174/250)).CCLS.) or ((361/760).CCLS.) or ((174/260).CCLS.))		
-	1274		USPAT	2004/04/28 13:29
-	630	(((361/767) or (361/768) or (361/771) or (361/772)).CCLS.) not (((174/261).CCLS.) or (((174/255) or (174/256) or (174/250)).CCLS.) or ((361/760).CCLS.)	USPAT	2004/04/28 13:29
-	1394	or ((174/260).CCLS.)) ((361/774) or (361/777) or (361/779)).CCLS.	USPAT	2004/04/28 13:29
-	591		USPAT	2004/04/28 13:36
		(361/779)).CCLS.) not ((((361/767) or (361/768) or (361/771) or (361/772)).CCLS.) or ((174/261).CCLS.) or (((174/255) or (174/259) or (174/256) or (174/250)).CCLS.) or ((361/760).CCLS.) or ((174/260).CCLS.))		
-	468674	hitachi.as.	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/04/28 14:59
-	448	hitachi.as. and (adhesive) and (solder\$4) and (component or surface adj mount adj part\$1)	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/04/28 15:10
-	19	hitachi.as. and ((adhesive) with (solder\$4) with (component or surface adj mount adj part\$1))	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/04/28 15:22
-	12	("4515304" "4761881" "4872261" "4916805" "4941255" "4982376" "4998342" "5155904" "5337467" "5678304" "5729896" "6208525").PN.	USPĀT	2004/04/28 15:13
-	0	6722028.URPN.	USPAT	2004/04/28 15:17
-	6849	patel.xa.	USPAT	2004/04/28 15:34
-	5869 183	174/250-268.ccls. patel.xa. and 174/250-268.ccls.	USPAT USPAT	2004/04/28 15:35 2004/04/28 15:39
-	13	"4562119" "3168617" "4550357" "4562119" "4716259" "5084124" "5257718" "5525760" "5612511" "5903440" "5917158" "6001489" "6015607").PN.	USPAT	2004/04/28 15:38
-	1534	(conductive adj layer) with (thick or thickness) with (micron or mu.m)	USPAT	2004/04/28 15:57
-	525	<pre>(conductive adj layer) near3 (thick or thickness) near3 (micron or mu.m)</pre>	USPAT	2004/04/28 15:40
-	878408	electronic adj part\$1 or component or surface adj mount adj part\$1 or surface adj mount adj component\$1	USPAT	2004/04/28 15:42
-	718	((conductive adj layer) with (thick or thickness) with (micron or mu.m)) and (electronic adj part\$1 or component or surface adj mount adj part\$1 or surface adj mount adj component\$1)	USPAT	2004/04/28 15:42
-	274	((conductive adj layer) near3 (thick or thickness) near3 (micron or mu.m)) and (electronic adj part\$1 or component or surface adj mount adj part\$1 or surface adj mount adj component\$1)	USPAT	2004/04/28 15:47

thickness] near3 (micron or mu.m) not (((conductive ad) layer) near3 (thick or thickness) near3 (micron or mu.m)) and (electronic ad) part51 or component or surface ad) mount ad) component51) 147 (conductive ad) layer) near (thick or thickness) near3 (mm or inch\$2 or micron or m.m) 1284 (conductive or conductor) near3 (thick or thickness) near3 ("200" ad) micron) 14 (conductive or conductor) near3 (thick or thickness) near3 ("200" ad) micron) 15 (conductive or conductor) near3 (thick or thickness) near3 ("200" ad) micron) 16 (conductive or conductor) near3 (thick or thickness) near3 ("200" ad) micron) 17 (conductive or conductor) near3 (thick or thickness) near3 ("200" ad) micron) 18 ("conductive or conductor) near3 (thick or thickness) near3 ("200" ad) mu.m) 19 ("conductive or conductor) near3 (thick or thickness) near3 ("200" ad) mu.m) 10 ("conductive or conductor) near3 (thick or thickness) near3 ("200" ad) mu.m) 11 ("soldes*34) with (substrate or board or pwb or pcb) 12 ("soldes*34) with (substrate or board or pwb or pcb) 13 (wide or width) with (adhesive) with (soldes*34) with (substrate or board or pwb or pcb) 14 ("310*310*UREN." 15 ("330*310*UREN." 16 ("330*310*UREN." 17 ("4172547" "4208005" "4314870" USPAT 2004/04/29 07:48 2004/04/29 07:48 2004/04/29 07:49 2004/04/29 07:50 2004/04/29 07:50 2004/04/29 07:50 2004/04/29 07:50 2004/04/29 07:50 2004/04/29 07:50 2004/04/29 07:50 2004/04/29 07:50 2004/04/					
(((conductive adj layer) near3 (thick or thickness) near3 (micron or mu.m)) and (electronic adj part\$1 or component or surface adj mount adj part\$1 or surface adj mount adj part\$1 or surface adj mount adj part\$1 or surface adj mount adj part\$1 or surface adj mount adj part\$1 or surface adj mount adj part\$1 or surface adj mount adj part\$1 or surface adj mount adj part\$1 or surface adj mount adj part\$1 or surface adj mount adj part\$1 or surface adj mount or mu.m) 1 (conductive or conductor) near3 (thick or thickness) near3 ("200" adj micron) 1 (conductive or conductor) near3 (thick or thickness) near3 ("200" adj micron) 1 (conductive or conductor) near3 (thick or thickness) near3 ("200" adj mu.m) 2 (conductive or conductor) near3 (thick or thickness) near3 (mm or inch\$2 or micron or thickness) near3 (mm or inch\$2 or micron or thickness) near3 (mm or inch\$2 or micron or thickness) near3 (mm or inch\$2 or micron or thickness) near3 (mm or inch\$2 or micron or thickness) near3 (mm or inch\$2 or micron or thickness) near3 (mm or inch\$2 or micron or thickness) near3 (mm or inch\$2 or micron or thickness) near3 (mm or inch\$2 or micron or thickness) near3 (mm or inch\$2 or micron or thickness) near3 (mm or inch\$2 or micron or thickness) near3 (mm or inch\$2 or micron or thickness) near3 (mm or inch\$2 or micron or thickness) near3 (mm or inch\$2 or micron or thickness) near3 (mm or inch\$2 or micron or thickness) near4 (mm or inch\$2 or micron or thickness) near4 (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$2 or micron or mu.m) (mm or inch\$	-	251	((conductive adj layer) near3 (thick or	USPAT	2004/04/28 15:48
thickness) near3 (micron or mu.m.) and (electronic adj mount adj part\$1 or surface adj mount adj part\$1 or surface adj mount adj component\$1] 147 (conductive adj layer) near3 (thick or thickness) near3 (mm or inch\$2) 2844 (conductive or conductor) mear3 (thick or thickness) near3 ("200" adj micron) 0 (conductive or conductor) near3 (thick or thickness) near3 ("200" adj micron) 140 (conductive or conductor) near3 (thick or thickness) near3 ("200" adj micron) 141 (conductive or conductor) near3 (thick or thickness) near3 ("200" adj micron) 142 (conductive or conductor) near3 (thick or thickness) near3 ("200" adj micron) 144 (conductive or conductor) near3 (thick or thickness) near3 ("200" adj micron) 152 (conductive or conductor) near3 (thick or thickness) near3 (mm or inch\$2 or micron or mu.m) 162 (conductive or conductor) near3 (thick or thickness) near3 (mm or inch\$2 or micron or mu.m) 163 ("\$656982"), PN. 164 ("\$566982"), PN. 175 ("\$566982"					
(electronic adj partšl or sourface adj mount adj partšl or surface adj mount adj componentšl)					
adj mount âdj component\$1)					
147 (conductive add) layer) near3 (thick or thickness) near3 (mm or inch82) 2004/04/28 16:03 2004/04/28 16:03 2004/04/28 17:15 2004/04/28 17:15 2004/04/28 17:15 2004/04/28 17:15 2004/04/28 17:15 2004/04/28 17:15 2004/04/28 16:05 2004/04/29					
thickness) near3 (mm or inch\$2) 2844 2844 2844 2844 2846 - 2846 - 2846 - 2847 - 347 - 347 - 347 - 348	_	147		USPAT	2004/04/28 16:03
2844 (conductive or conductor) near3 (thick or or or mu.m)					
Octomulative or conductory near3 (thick or thickness) near3 ("200" adj micron)	_	2844		USPAT	2004/04/28 17:15
Conductive or conductory near3 (thick or thickness) near3 ("200" adj micron or thickness) near1 ("200" adj micron or thickness) near1 (conductor) near3 (thick or thickness) near1 (conductor) near3 (thick or thickness) near1 (conductor) near3 (thick or thickness) near1 (conductor) near3 (thick or thickness) near1 (conductor) near3 (thick or thickness) near1 (traces or paths) (thick or thickness) near1 (traces or paths) (thick or thickness) near1 (traces or paths) (thick or thickness) near1 (traces or paths) (thick or thickness) near1 (traces or paths) (thick or thickness) near1 (traces or paths) (toward 1998) (1998)			thickness) near3 (mm or inch\$2 or micron		
thickness) near3 ("200" adj micron) d4 (conductive or conductor) near3 (thick or thickness) near3 ("200" adj mu.m) conductive or conductor) near3 (thick or thickness) near3 ("200" adj mu.m) conductive or conductor) near3 (thick or thickness) near3 (mm or inch\$2 or micron or mu.m) 0 ("65069982").PN. 13 (wide or width) with (adhesive) with (spart 2004/04/28 18:07 USPAT 2004/04/28 18:07 USPAT 2004/04/28 18:07 USPAT 2004/04/28 18:07 USPAT 2004/04/28 18:07 USPAT 2004/04/29 07:36 USPAT 2004/04/29 07:36 USPAT 2004/04/29 07:36 USPAT 2004/04/29 07:36 USPAT 2004/04/29 07:37 USPAT 2004/04/29 07:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38			or mu.m)		
- 44 (conductive or conductor) near3 (thick or USPAT thickness) near1 ("200" adj mu.m.) - 162 (conductive or conductor) near3 (thick or USOCR conductive or near3 (thick or USOCR conductive or near3 (thick or USOCR conductive or near3 (thick or USPAT conductor) conductive adj layer\$1 conductor or conductive adj layer\$1 copper adj layer\$1 conductor or conductive adj layer\$1 copper adj layer\$1 conductor or conductive adj layer\$1 or copper adj layer\$1 conductor or conductive adj layer\$1 or copper adj layer\$1 conductor or conductive adj layer\$1 or copper adj layer\$1 conductor or conductive adj layer\$1 or copper adj layer\$1 conductor or conductive adj layer\$1 or copper adj layer\$1 conductor or conductive adj layer\$1 or copper adj layer\$1 conductor or conductive adj layer\$1 or copper adj layer\$1 conductor or conductive adj layer\$1 or copper adj layer\$1 conductor or conductive adj layer\$1 or copper adj layer\$1 conductor or conductive adj layer\$1 or copper adj layer\$1 conductor or conductive adj layer\$1 conductor or conductive adj layer\$1 conductor or conductive adj layer\$1 conductor or conductive adj layer\$1 conductor or conductive adj layer\$1 conductor or conductive adj lay	-	0		USPAT	2004/04/28 16:05
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162 (conductive or conductor) near3 (thick or thickness) near3 (mm or inch\$2 or micron or mu.m)	_	44		USPAT	2004/04/28 16:05
thickness) near3 (mm or inch\$2 or micron or mw.m) or mw.m) or mw.m) 1 ("6506992").PN. 1 (wide or width) with (adhesive) with USPAT 2004/04/28 18:09	_	162	(conductive or conductor) near3 (thick or	HSOCR	2004/04/28 17:25
Or mu.m)	_	102		OBOCK	2004/04/20 17.23
- 0 ("6506992").PN. USPAT 2004/04/28 18:09 - 1 1 ("6506982").PN. USPAT 2004/04/28 18:09 - 1 2 (wide or width) with (adhesive) with USPAT 2004/04/28 18:09 - 8 ("2983953" "3294951" "366588" USPAT 2004/04/29 07:37 - 12 4314870.URPN. USPAT 2004/04/29 07:38 - 12 4314870.URPN. USPAT 2004/04/29 07:38 - 12 4314870.URPN. USPAT 2004/04/29 07:48 - 1 1 ("417234" "4208005" "4314870" USPAT 2004/04/29 07:48 - 1 1 ("417234" "4208005" "4314870" USPAT 2004/04/29 07:43 - 1 1 ("417234" "4208005" "4373105" USPAT 2004/04/29 07:43 - 1 1 ("417234" "4761881" "4771929" USPAT 2004/04/29 07:43 - 3 5639010.URPN. USPAT 2004/04/29 07:44 - 1 ("4208005").PN. USPAT 2004/04/29 07:45 - 3 5639010.URPN. USPAT 2004/04/29 07:45 - 4 ("3704515" "3859722" "4064287" USPAT 2004/04/29 07:45 - ("3704515" "3859722" "4141055").PN. USPAT 2004/04/29 07:45 - ("3704515" "4139881" "4141055").PN. USPAT 2004/04/29 07:45 - ("4074008" "4139881" "4141055").PN. USPAT 2004/04/29 07:45 - ("5046er\$4) with (substrate or board or pwb or pcb) - 7 ((thick or thickness) with (adhesive) with (solder\$4) with (substrate or board or pwb or pcb) - 7 ((thick or thickness) with (adhesive) w				•	
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"4998342" "5155904").PN. USPAT 2004/04/29 07:44 ("4208005").PN. USPAT 2004/04/29 07:44 2004/04/29 07:45 ("3704515" "3859722" "4064287" USPAT 2004/04/29 07:45 2004/04/29 07:45 2004/04/29 07:45 2004/04/29 07:45 2004/04/29 07:45 2004/04/29 07:45 2004/04/29 07:45 2004/04/29 07:45 2004/04/29 07:52 2004/04/29 07:52 2004/04/29 07:52 2004/04/29 07:52 2004/04/29 07:52 2004/04/29 07:45 2004/04/29 07:45 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:47 2004/04/29 07:53 2004/04/29 07:53 2004/04/29 07:54 2004/04/29 07:54 2004/04/29 07:54 2004/04/29 07:54 2004/04/29 07:54 2004/04/29 07:54 2004/04/29 07:54 2004/04/29 07:55 2004/04/29 07:57					
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- 43 4074008" "4139881" "4141055").PN. 43 408005.URPN. (thick or thickness) with (adhesive) with (solder\$4) with (substrate or board or pwb or pcb) ((thick or thickness) with (adhesive) with (solder\$4) with (substrate or board or pwb or pcb)) not ((wide or width) with (adhesive) with (adhesive) with (solder\$4) with (solder\$4) with (substrate or board or pwb or pcb)) not ((wide or width) with (adhesive) with (solder\$4) with (substrate or board or pwb or pcb)) - 5892 (thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) - 856 ((thick or thickness) nearl (conductor or conductive adj layer\$1) with ("100" adj micron or mu.m) - ((thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1)) with ("400" adj micron or mu.m) ((thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) with ("400" adj micron or mu.m) ((thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) ((thick or thickness) nearl (trace\$ or pattern\$1) - 1282 (thick or thickness) nearl (trace\$ or pattern\$1) - 1282 (thick or thickness) adj (trace\$ or pattern\$1) - 1282 (thick or thickness) adj (trace\$ or pattern\$1) - 1282 (thick or thickness) adj (trace\$ or pattern\$1) - 1282 (thick or thickness) adj (trace\$ or pattern\$1) - 1283 (174/\$.ccls. - 119099 29/\$.ccls. - 117666 257/\$.ccls. - 74791 361/\$.ccls. - 74791 361/\$.ccls. - 74791 361/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. - 1382 004/04/29 08:38 - 335203 174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	_			1 '	1
43 4208005.URPN. USPAT 2004/04/29 07:45 (thick or thickness) with (adhesive) with (solder\$4) with (substrate or board or pwb or pcb) ((thick or thickness) with (adhesive) with (solder\$4) with (solder\$4) with (solder\$4) with (solder\$4) with (solder\$4) with (solder\$4) with (solder\$4) with (solder\$4) with (solder\$4) with (solder\$4) with (substrate or board or pwb or pcb)) not ((wide or width) with (adhesive) with (solder\$4) with (substrate or board or pwb or pcb)) (thick or thickness) nearl (conductor or conductive adj layer\$1) or copper adj layer\$1) ((thick or thickness) nearl (conductor or conductive adj layer\$1) or copper adj layer\$1) ((thick or thickness) nearl (conductor or conductive adj layer\$1) or copper adj layer\$1) (thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) (thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (trace\$ or pattern\$1) (thick or thickness) nearl (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (USPAT 2004/04/29 08:34 pattern\$1) (USPAT 2004/04/29 08:38 117666 257/\$.ccls.		·		001111	2001,01,25 0,110
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or pcb) ((thick or thickness) with (adhesive) with (solder\$4) with (substrate or board or pwb or pcb)) not ((wide or width) with (adhesive) with (solder\$4) with (substrate or board or pwb or pcb)) 5892 (thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) ((thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) with ("100" adj micron or mu.m) ((thick or thickness) nearl (conductor or conductive adj layer\$1) with ("400" adj micron or mu.m) ((thick or thickness) nearl (conductor or conductive adj layer\$1) with ("400" adj micron or mu.m) (thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (trace\$ or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (trace\$ or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (trace\$ or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (trace\$ or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (trace\$ or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (trace\$ or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (trace\$ or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (trace\$ or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) near1 (trace\$ or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) near1 (trace\$ or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) near1 (trace\$ or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) near1 (trace\$ or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) near1 (trace\$ or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) near1 (trace\$ or copper adj layer\$1) near3 ("4	_	1		USPAT	2004/04/29 07:52
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or pcb)) not ((wide or width) with	-	79		USPAT	2004/04/29 07:47
(adhesive) with (solder\$4) with (substrate or board or pwb or pcb)) (thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) ((thick or thickness) nearl (conductor or conductive adj layer\$1) with ("100" adj micron or mu.m) ((thick or thickness) nearl (conductor or conductive adj layer\$1) with ("400" adj micron or mu.m) (thick or thickness) nearl (conductor or conductive adj layer\$1) with ("400" adj micron or mu.m) (thick or thickness) nearl (conductor or conductive adj layer\$1) nearl (conductor or conductive adj layer\$1) or copper adj layer\$1) nearl ("400" adj micron or mu.m) (thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) nearl ("400" adj micron or mu.m) (thick or thickness) nearl (trace\$ or pattern\$1) 1282 (thick or thickness) nearl (trace\$ or pattern\$1) 1282 (thick or thickness) adj (trace\$ or USPAT 2004/04/29 08:34 pattern\$1) 174/\$ccls. USPAT 2004/04/29 08:38 119099 29/\$.ccls. USPAT 2004/04/29 08:38 119099 29/\$.ccls. USPAT 2004/04/29 08:38 119099 29/\$.ccls. USPAT 2004/04/29 08:38 117666 257/\$.ccls. USPAT 2004/04/29 08:38 204/04/29 08:38 335203 174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. USPAT 2004/04/29 08:39 2004					
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- 5892 (thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) ((thick or thickness) nearl (conductor or conductive adj layer\$1) or copper adj layer\$1)) with ("100" adj micron or mu.m) ((thick or thickness) nearl (conductor or conductive adj layer\$1) or copper adj layer\$1) with ("400" adj micron or mu.m) (thick or thickness) nearl (conductor or conductive adj layer\$1) or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (conductor or conductive adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (trace\$ or pattern\$1) (thick or thickness) nearl (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (USPAT 2004/04/29 08:34 pattern\$1) (USPAT 2004/04/29 08:38 119099 29/\$.ccls. USPAT 2004/04/29 08:38 119099 29/\$.ccls. USPAT 2004/04/29 08:38 117666 257/\$.ccls. USPAT 2004/04/29 08:38 74791 361/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. USPAT 2004/04/29 08:39 335203 174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. USPAT 2004/04/29 08:39					
conductive adj layer\$1 or copper adj layer\$1 ((thick or thickness) near1 (conductor or conductive adj layer\$1) or copper adj layer\$1) with ("100" adj micron or mu.m) ((thick or thickness) near1 (conductor or conductive adj layer\$1 or copper adj layer\$1)) with ("400" adj micron or mu.m) (thick or thickness) near1 (conductor or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) near1 (conductor or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) near1 (trace\$ or pattern\$1) 1282 (thick or thickness) near1 (trace\$ or pattern\$1) 0 174/\$ccls. 11766 257/\$.ccls. 119099 29/\$.ccls. 117666 257/\$.ccls. 11766 257/\$.ccls. 11766 257/\$.ccls. 117491 361/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38	_	5892		USPAT	2004/04/29 07:53
- 856 ((thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) with ("100" adj micron or mu.m) ((thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1)) with ("400" adj micron or mu.m) (thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (trace\$ or pattern\$1) (thick or thickness) nearl (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (174/\$ccls. USPAT 2004/04/29 08:38 119099 29/\$.ccls. USPAT 2004/04/29 08:38 117666 257/\$.ccls. USPAT 2004/04/29 08:38 174/\$.ccls. USPAT 2004/04/29 08:38 2004/04/29 08:38 35203 174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. USPAT 2004/04/29 08:39 2004/04/29 08:39 35203					
conductive adj layer\$1 or copper adj layer\$1)) with ("100" adj micron or mu.m) ((thick or thickness) near1 (conductor or conductive adj layer\$1 or copper adj layer\$1)) with ("400" adj micron or mu.m) (thick or thickness) near1 (conductor or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) near1 (trace\$ or layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) near1 (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) 1282 (thick or thickness) adj (trace\$ or pattern\$1) 174/\$.ccls. 55709 174/\$.ccls. 119099 29/\$.ccls. 117666 257/\$.ccls. 117666 257/\$.ccls. 117666 257/\$.ccls. 74791 361/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. USPAT 2004/04/29 08:38 2004/04/29 08:38 2004/04/29 08:38 2004/04/29 08:38					
layer\$1)) with ("100" adj micron or mu.m) ((thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1)) with ("400" adj micron or mu.m) (thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (trace\$ or pattern\$1) (thick or thickness) nearl (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) (thick or thickness) adj (trace\$ or USPAT (2004/04/29 08:38 (1904/04/29 08:3	-	856		USPAT	2004/04/29 07:54
- 848 ((thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) with ("400" adj micron or mu.m) - 581 (thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) - 3145 (thick or thickness) nearl (trace\$ or pattern\$1) - 1282 (thick or thickness) adj (trace\$ or pattern\$1) - 0 174/\$ccls. - 19099 29/\$.ccls. - 119099 29/\$.ccls. - 117666 257/\$.ccls. - 174791 361/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. - 335203 174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.			conductive adj layer\$1 or copper adj		
conductive adj layer\$1 or copper adj layer\$1)) with ("400" adj micron or mu.m) (thick or thickness) near1 (conductor or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) near1 (trace\$ or pattern\$1) 1282 (thick or thickness) adj (trace\$ or pattern\$1) 0 174/\$ccls. 1999 29/\$.ccls. 119099 29/\$.ccls. 117666 257/\$.ccls. 174/\$.ccls. 2004/04/29 08:38 17696 257/\$.ccls. 17791 361/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. 2004/04/29 08:39 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 2004/04/29 08:38 2004/04/29 08:38	_	040		IISDAT	2004/04/29 07.57
layer\$1)) with ("400" adj micron or mu.m) (thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) nearl (trace\$ or pattern\$1) 1282 (thick or thickness) adj (trace\$ or pattern\$1) 0 174/\$ccls. 1999 29/\$.ccls. 119099 29/\$.ccls. 117666 257/\$.ccls. 117666 257/\$.ccls. 74791 361/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. 139091 29/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. 12904/04/29 08:38 USPAT 2004/04/29 08:38	_	048		JOSERI	2003/03/29 07:37
- 581 (thick or thickness) nearl (conductor or conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) - 3145 (thick or thickness) nearl (trace\$ or pattern\$1) - 1282 (thick or thickness) adj (trace\$ or pattern\$1) - 0 174/\$ccls. - 55709 174/\$.ccls. - 119099 29/\$.ccls. - 117666 257/\$.ccls. - 74791 361/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. - 335203 174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.					
conductive adj layer\$1 or copper adj layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) near1 (trace\$ or pattern\$1) 1282 (thick or thickness) adj (trace\$ or pattern\$1) 0 174/\$ccls. 1999 29/\$.ccls. 119099 29/\$.ccls. 117666 257/\$.ccls.	_	581	(thick or thickness) near1 (conductor or	USPAT	2004/04/29 08:12
layer\$1) near3 ("400" adj micron or mu.m) (thick or thickness) near1 (trace\$ or pattern\$1) 1282 (thick or thickness) adj (trace\$ or pattern\$1) 0 174/\$ccls. 1999 29/\$.ccls. 117666 257/\$.ccls.			conductive adj layer\$1 or copper adj		
pattern\$1) (thick or thickness) adj (trace\$ or pattern\$1) 0 174/\$ccls. 119099 29/\$.ccls. 117666 257/\$.ccls. 74791 361/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38 USPAT 2004/04/29 08:38			layer\$1) near3 ("400" adj micron or mu.m)		
- 1282 (thick or thickness) adj (trace\$ or pattern\$1) - 0 174/\$ccls. USPAT 2004/04/29 08:38 - 55709 174/\$.ccls. USPAT 2004/04/29 08:38 - 119099 29/\$.ccls. USPAT 2004/04/29 08:38 - 117666 257/\$.ccls. USPAT 2004/04/29 08:38 - 74791 361/\$.ccls. USPAT 2004/04/29 08:38 - 74791 361/\$.ccls. USPAT 2004/04/29 08:39 - 335203 174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. USPAT 2004/04/29 08:39	-	3145		USPAT	2004/04/29 08:12
pattern\$1) - 0 174/\$ccls.		1000		LICDATE	2004/04/20 00:24
- 0 174/\$ccls. USPAT 2004/04/29 08:38 - 55709 174/\$.ccls. USPAT 2004/04/29 08:38 - 119099 29/\$.ccls. USPAT 2004/04/29 08:38 - 117666 257/\$.ccls. USPAT 2004/04/29 08:38 - 74791 361/\$.ccls. USPAT 2004/04/29 08:38 - 335203 174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. USPAT 2004/04/29 08:39	_	1282		USPAT	2004/04/29 08:34
- 55709 174/\$.ccls. USPAT 2004/04/29 08:38 - 119099 29/\$.ccls. USPAT 2004/04/29 08:38 - 117666 257/\$.ccls. USPAT 2004/04/29 08:38 - 74791 361/\$.ccls. USPAT 2004/04/29 08:39 - 335203 174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. USPAT 2004/04/29 08:39	l _	0		USPAT	2004/04/29 08:38
- 119099 29/\$.ccls. USPAT 2004/04/29 08:38 - 117666 257/\$.ccls. USPAT 2004/04/29 08:38 - 74791 361/\$.ccls. USPAT 2004/04/29 08:39 - 335203 174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. USPAT 2004/04/29 08:39	_	-			1
- 117666 257/\$.ccls. USPAT 2004/04/29 08:38 - 74791 361/\$.ccls. 0r 29/\$.ccls. 0r 257/\$.ccls. USPAT 2004/04/29 08:39 - 335203 174/\$.ccls. 0r 29/\$.ccls. 0r 257/\$.ccls. USPAT 2004/04/29 08:39	_				2004/04/29 08:38
- 335203 174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls. USPAT 2004/04/29 08:39	-			1	2004/04/29 08:38
	_				2004/04/29 08:39
or 361/\$.ccls.	-	335203		USPAT	2004/04/29 08:39
			or 361/\$.ccls.	L	L

-	15494	(174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	USPAT	2004/04/29 08:41
		or 361/\$.ccls.) and (electronic adj component\$1 or electronic adj part\$1)		
_	187	(174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	USPAT	2004/04/29 08:47
		or 361/\$.ccls.) and ((electronic adj		
		component\$1 or electronic adj part\$1) with		
		(conductive or conductor or conducting or		
1	,	copper) with (thick or thickness)) (174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	USPAT	2004/04/29 08:50
-	2	or 361/\$.ccls.) and ((electronic adj	OSFAI	2004/04/29 00:30
	Ì	component\$1 or electronic adj part\$1) with		
		(conductive or conductor or conducting or		
1		copper or strip\$1 or trace\$1 or pattern\$1)		
	1	with (thick or thickness) with ("100" adj		
		micron or "100" adj mu.m)) (174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	USPAT	2004/04/29 08:51
-	2	or 361/\$.ccls.) and ((electronic adj	USFAI	2004/04/25 00:51
		component\$1 or electronic adj part\$1) with		
		(conductive or conductor or conducting or		
I		copper or strip\$1 or trace\$1 or pattern\$1)		
1		with (thick or thickness) with ("200" adj		
_	1	micron or "200" adj mu.m)) (174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	USPAT	2004/04/29 08:52
-	1	or 361/\$.ccls.) and ((electronic adj	JULMI	2003/03/25 00:52
		component\$1 or electronic adj part\$1) with		
		(conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1)		
		with (thick or thickness) with ("300" adj		
	0	micron or "300" adj mu.m)) (174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	USPAT	2004/04/29 08:52
-	1	or 361/\$.ccls.) and ((electronic adj	002711	2001,01,23 00102
		component\$1 or electronic adj part\$1) with		
		(conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1)		
		with (thick or thickness) with ("400" adj		
_	1	micron or "400" adj mu.m)) (174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	USPAT	2004/04/29 08:52
_	1	or 361/\$.ccls.) and ((electronic adj	001111	2001,01,12
		component\$1 or electronic adj part\$1) with		
		(conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1)		
		with (thick or thickness) with ("500" adj micron or "500" adj mu.m))		
_	0	I	USPAT	2004/04/29 08:53
		or 361/\$.ccls.) and ((electronic adj		
		component\$1 or electronic adj part\$1) with		
		(conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1) with (thick or thickness) with ("600" adj		
		micron or "600" adj mu.m))		
-	. 0	(174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	USPAT	2004/04/29 08:53
	· .	or 361/\$.ccls.) and ((electronic adj		
		component\$1 or electronic adj part\$1) with	1	
		(conductive or conductor or conducting or copper or strip\$1 or trace\$1 or pattern\$1)		
		with (thick or thickness) with ("700" adj		
		micron or "700" adj mu.m))		
-	0	(174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	USPAT	2004/04/29 08:53
		or 361/\$.ccls.) and ((electronic adj		
		component\$1 or electronic adj part\$1) with (conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1)	·	
		with (thick or thickness) with ("800" adj		
		micron or "800" adj mu.m))		
-	4		USPAT	2004/04/29 08:55
		or 361/\$.ccls.) and ((electronic adj component\$1 or electronic adj part\$1) same		
		(conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1)		
		same (thick or thickness) same ("800" adj		
		micron or "800" adj mu.m))		

_	16		USPAT	2004/04/29 08:55
		or 361/\$.ccls.) and ((electronic adj		
		component\$1 or electronic adj part\$1) same		
		(conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1)		
		same (thick or thickness) same ("100" adj micron or "100" adj mu.m))		
_	17	(174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	USPAT	2004/04/29 08:57
-	'	or 361/\$.ccls.) and ((electronic adj	OSIAI	2004/04/23 00:37
		component\$1 or electronic adj part\$1) same		
		(conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1)		
		same (thick or thickness) same ("100" adj		
		micron or "100" adj mu.m or "100" adj mm))		
-	1		USPAT	2004/04/29 08:57
1	1	or 361/\$.ccls.) and ((electronic adj		
		component\$1 or electronic adj part\$1) same		
		(conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1)		
		same (thick or thickness) same ("100" adj		
1		micron or "100" adj mu.m or "100" adj		
		mm))) not ((174/\$.ccls. or 29/\$.ccls. or		
1		257/\$.ccls. or 361/\$.ccls.) and ((electronic adj component\$1 or electronic		
		adj part\$1) same (conductive or conductor		
1		or conducting or copper or strip\$1 or		
		trace\$1 or pattern\$1) same (thick or		
		thickness) same ("100" adj micron or "100"		
		adj mu.m)))		
-	7	(174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	USPAT	2004/04/29 08:59
		or 361/\$.ccls.) and ((electronic adj		
	•	component\$1 or electronic adj part\$1) same		
		(conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1)		
		same (thick or thickness) same ("200" adj		
	_	micron or "200" adj mu.m or "200" adj mm))		2224/24/22 22 22
-	6	((174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	USPAT	2004/04/29 09:00
1		or 361/\$.ccls.) and ((electronic adj component\$1 or electronic adj part\$1) same		
l		(conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1)		
		same (thick or thickness) same ("200" adj		
		micron or "200" adj mu.m or "200" adj		
		mm))) not (((174/\$.ccls. or 29/\$.ccls. or		
		257/\$.ccls. or 361/\$.ccls.) and		
		((electronic adj component\$1 or electronic		
		adj part\$1) same (conductive or conductor		
		or conducting or copper or strip\$1 or		
1		trace\$1 or pattern\$1) same (thick or		
		thickness) same ("100" adj micron or "100"		
		adj mu.m or "100" adj mm))) or ((174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.		
		or 361/\$.ccls.) and ((electronic adj		
		component\$1 or electronic adj part\$1) same		
		(conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1)		
		same (thick or thickness) same ("100" adj		
		micron or "100" adj mu.m))))		
-	8	(174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	USPAT	2004/04/29 08:59
		or 361/\$.ccls.) and ((electronic adj		
		component\$1 or electronic adj part\$1) same		
	i	(conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1)		
		same (thick or thickness) same ("300" adj		
		micron or "300" adj mu.m or "300" adj mm))		

	5	((174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.	USPAT	2004/04/29 09:00
	•	or 361/\$.ccls.) and ((electronic adj		·
		component\$1 or electronic adj part\$1) same		
		(conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1)		,
		same (thick or thickness) same ("300" adj		
		micron or "300" adj mu.m or "300" adj		
		mm))) not (((174/\$.ccls. or 29/\$.ccls. or		
		257/\$.ccls. or 361/\$.ccls.) and		
		((electronic adj component\$1 or electronic		
		adj part\$1) same (conductive or conductor		
		or conducting or copper or strip\$1 or		
		trace\$1 or pattern\$1) same (thick or		
		thickness) same ("200" adj micron or "200"		
		adj mu.m or "200" adj mm))) or		
		((174/\$.ccls. or 29/\$.ccls. or 257/\$.ccls.		
		or 361/\$.ccls.) and ((electronic adj		
		component\$1 or electronic adj part\$1) same		
		(conductive or conductor or conducting or		
		copper or strip\$1 or trace\$1 or pattern\$1)		
ŀ		same (thick or thickness) same ("100" adj		
		micron or "100" adj mu.m or "100" adj		
1		mm))) or ((174/\$.ccls. or 29/\$.ccls. or		
l		257/\$.ccls. or 361/\$.ccls.) and		
1		((electronic adj component\$1 or electronic		
1		adj part\$1) same (conductive or conductor		
		or conducting or copper or strip\$1 or		
		trace\$1 or pattern\$1) same (thick or		
		thickness) same ("100" adj micron or "100"		
		adj mu.m))))	1	